

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

WOLPERT et al)

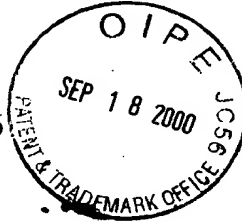
Application No.: 09/319,736)

Filed: August 2, 1999)

For: THERAPEUTIC APPLICATIONS OF)
ANTIGENS OR EPITOPES ASSOCIATED)
WITH IMPAIRED CELLULAR PEPTIDE)
PROCESSING, E.G. EXPRESSED ON)
RMA-S CELLS TRANSFECTED WITH A)
B7-1 GENE)

Group Art Unit: 1635

Examiner: K. Hickey



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S. J. S
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09/19/2000 HROCHA1 00000081 09319736

01 FC:102
02 FC:103

468.00 OP
990.00 OP

AMENDMENT AND REPLY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Official Action mailed on March 16, 2000, please first
amend the above-identified application as follows:

In The Claims:

— Please delete claims 1-12, without prejudice or disclaimer to the subject matter
disclosed therein.

Please add the following new claims 13-142:

SUB B17
a1
--13. An isolated epitope or antigen associated with impaired peptide
processing, wherein said epitope or antigen is expressed on target cells in which cellular
peptide processing for MHC presentation is impaired, wherein said epitope or antigen is
recognized by T-lymphocytes or T-cell receptors, and further wherein target cell